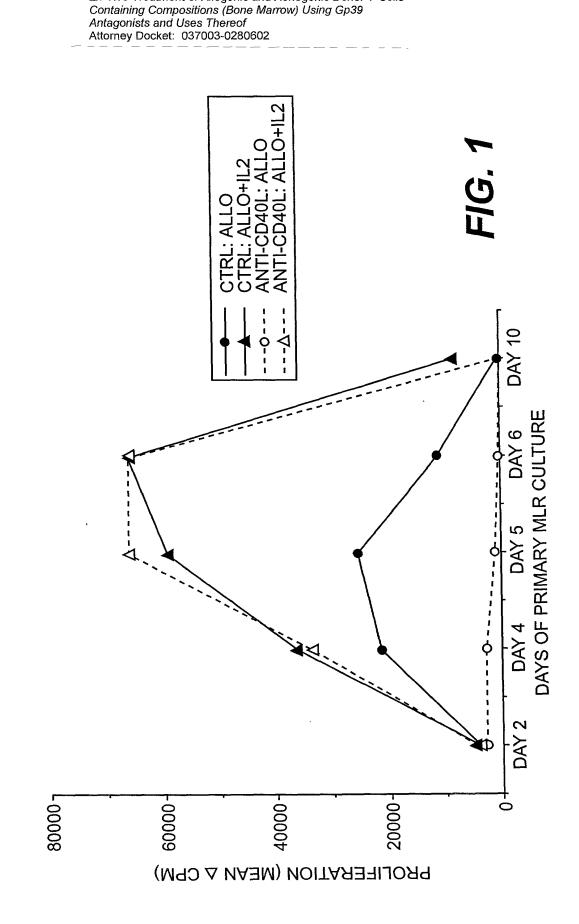
ANTI-CD40L mAb TREATMENT OF DONOR T CELLS IN A PRIMARY MLR CULTURE

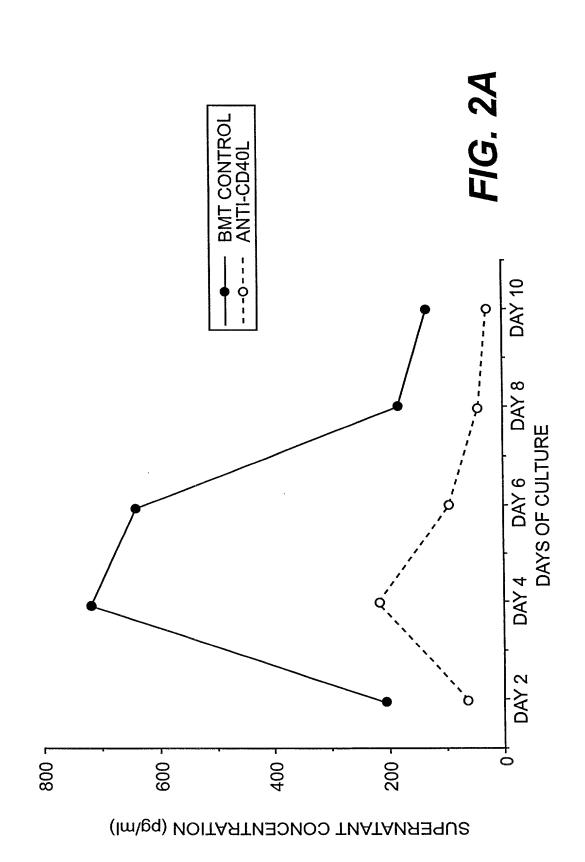


Appl. No. 09/835,126

Ex-Vivo Treatment of Allogenic and Xenogenic Donor T-Cells

inventor: Noelle et al.

THE ADDITION OF ANTI-CD40L mAb INHIBITS IL-2 PRODUCTION IN PRIMARY MLR CULTURE



Appl. No. 09/835,126

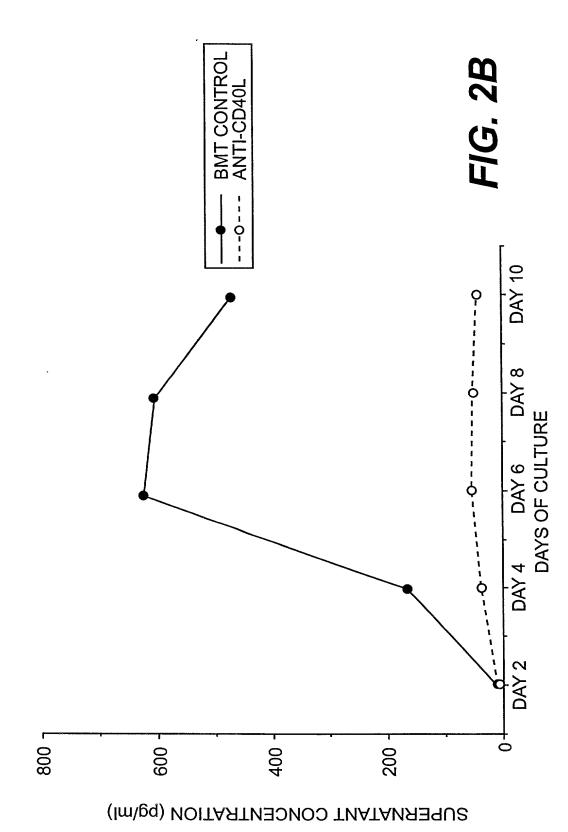
Ex-Vivo Treatment of Allogenic and Xenogenic Donor T-Cells

Containing Compositions (Bone Marrow) Using Gp39 Antagonists and Uses Thereof

Inventor: Noelle et al.

Attorney Docket: 037003-0280602

THE ADDITION OF ANTI-CD40L MAB LEADS TO A REDUCTION IN INTERFERON GAMMA PRODUCTION



Appl. No. 09/835,126

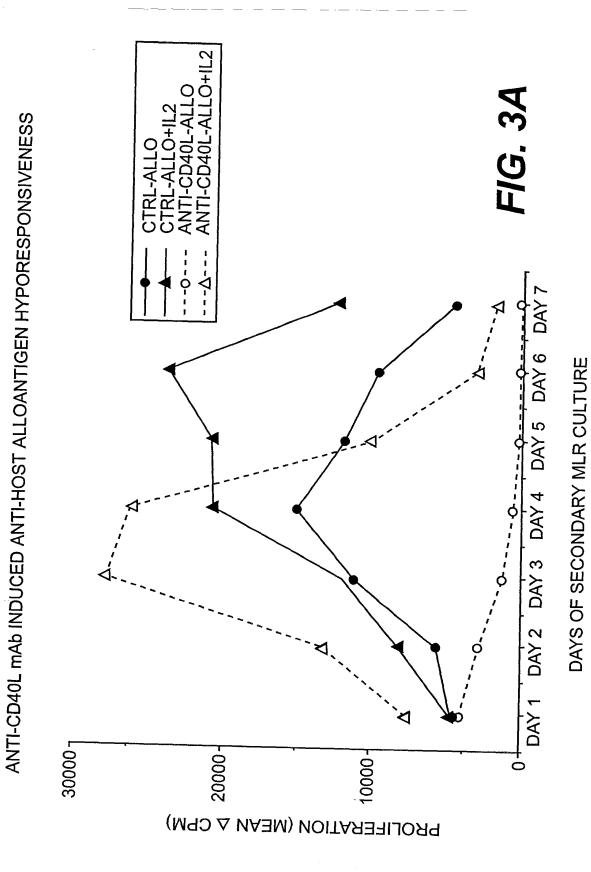
Ex-Vivo Treatment of Allogenic and Xenogenic Donor T-Cells Containing Compositions (Bone Marrow) Using Gp39

Inventor: Noelle et al.

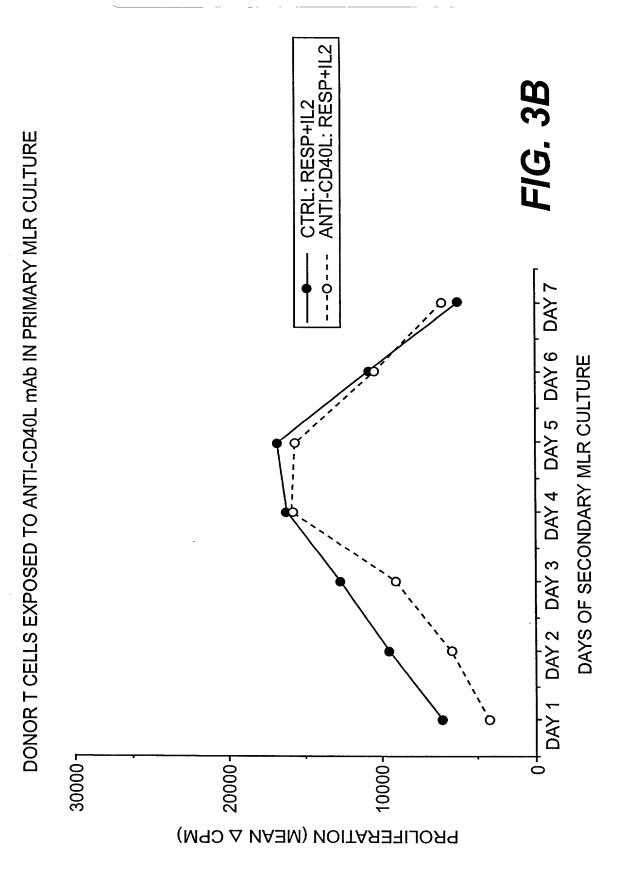
Antagonists and Uses Thereof Attorney Docket: 037003-0280602

Inventor: Noelle et al. Appl. No. 09/835,126 Ex-Vivo Treatment of Allogenic and Xenogenic Donor T-Cells Containing Compositions (Bone Marrow) Using Gp39

Antagonists and Uses Thereof Attorney Docket: 037003-0280602



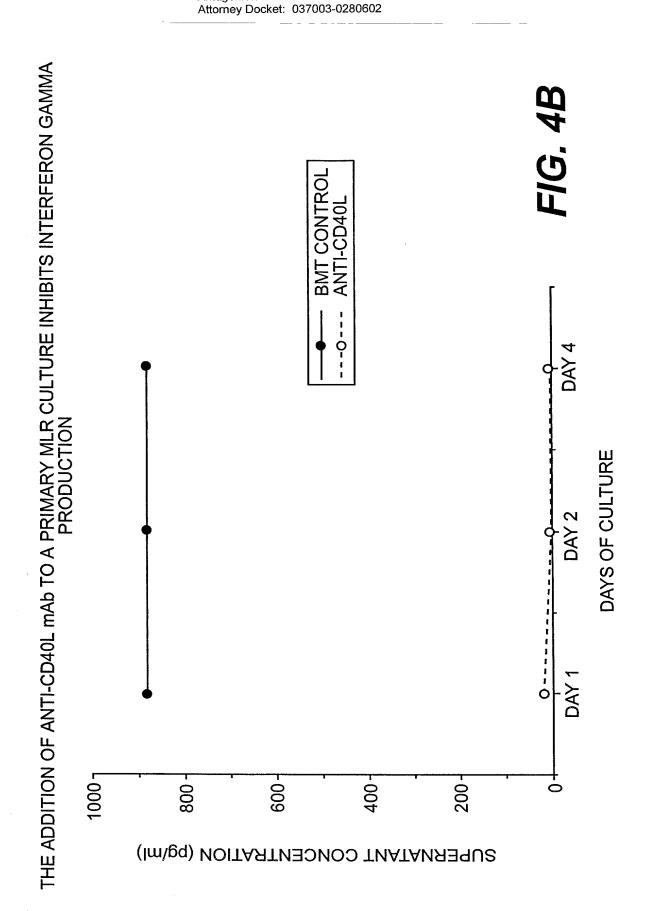
Inventor: Noelle et al. Appl. No. 09/835,126
Ex-Vivo Treatment of Allogenic and Xenogenic Donor T-Cells
Containing Compositions (Bone Marrow) Using Gp39
Antagonists and Uses Thereof
Attorney Docket: 037003-0280602



THE ADDITION OF ANTI-CD40L mAb TO A PRIMARY MLR CULTURE INHIBITS IL-2 PRODUCTION DAYS OF CULTURE DAY 2 DAY 15007 500 SUPERNATANT CONCENTRATION (pg/ml)

Ex-Vivo Treatment of Allogenic and Xenogenic Donor T-Cells Containing Compositions (Bone Marrow) Using Gp39 Antagonists and Uses Thereof Attorney Docket: 037003-0280602

Inventor: Noelle et al. Appl. No. 09/835,126

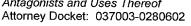


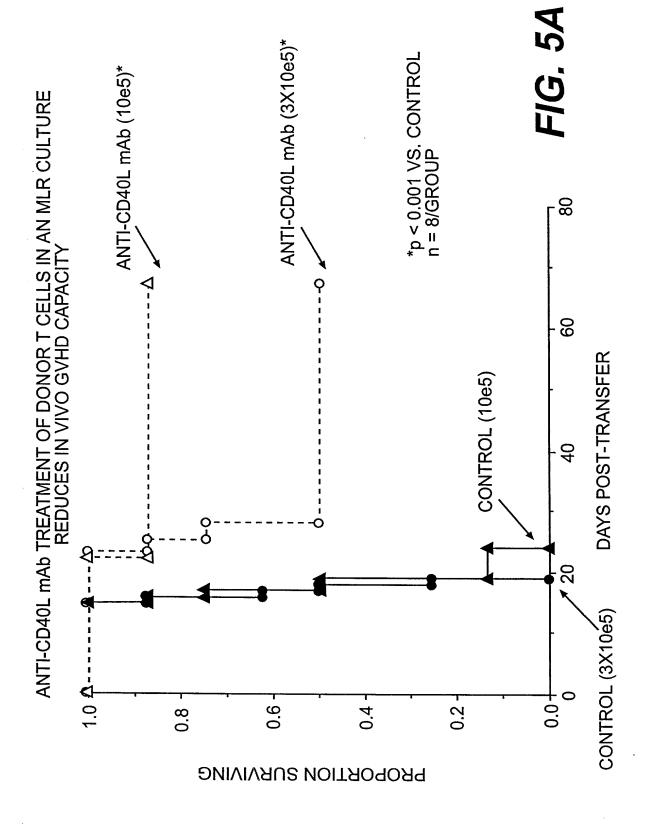
Containing Compositions (Bone Marrow) Using Gp39 Antagonists and Uses Thereof

inventor: Noelle et al.

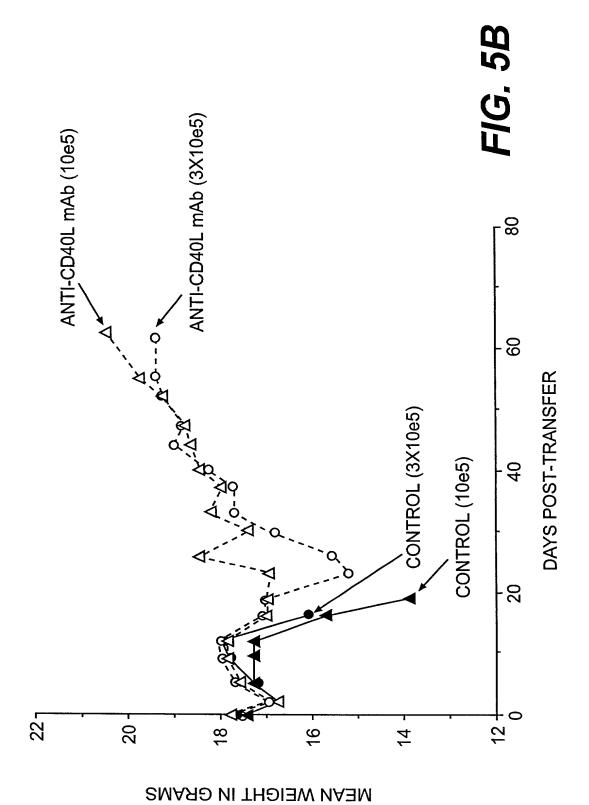
Appl. No. 09/835,126 Ex-Vivo Treatment of Allogenic and Xenogenic Donor T-Cells Inventor: Noelle et al. Appl. No. 09/835,126

Ex-Vivo Treatment of Allogenic and Xenogenic Donor T-Cells
Containing Compositions (Bone Marrow) Using Gp39 Antagonists and Uses Thereof





Inventor: Noelle et al. Appl. No. 09/835,126
Ex-Vivo Treatment of Allogenic and Xenogenic Donor T-Cells
Containing Compositions (Bone Marrow) Using Gp39
Antagonists and Uses Thereof
Attorney Docket: 037003-0280602



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



FILING COMPLETION UNDER RULE 53(f)

(<u>NOT</u> PCT Applications)
For Design, Provisional, or Utility Applications

PATENT APPLICATION

COMPLETION Under Rule 53(f)

In re <u>PATENT APPLICATIO</u> I	<u>N</u> of
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Inventor(s): Randolph J. NOELLE et al

Appln. No.: 09
Series Code û

835,126 Serial No. û Atty.Dkt.

P 0280602 M# 1999-30-0522C1

Attn: Application Division

Client Ref

Filed: Title: April 16, 2001

EX VIVO TREATMENT OF ALLOGENIC AND XENOGENIC DONOR T-CELLS CONTAINING

COMPOSITIONS (BONE MARROW) USING Gp39 ANTAGONISTS AND USES THEREOF

	Commisioner of Patents hington,DC 20231	Date:	November 13, 2001		
Sir:	The following completes the filing under Rule 53(f) of the above-identified patent application:				
ű	Notice to File Missing Parts	☐ copy attached	not yet received		
The state of the s	Signed Declaration attached.	☐ Orìginal	☐ Facsimile/Copy		
The state of the s	(Always "X" box 2 if filling signed Declaration and "X" box 2A only if top box of the Declaration is X'd and file application copy, or "X" box 2B only if none of the top three boxes of the Declaration is X'd.)				
	2A. Attached: Original signed Declaration with attached specification (including claim(s)) which is a copy of specification and claim(s) originally filed to secure the above filing date.				
	2B. The original application as filed in the PTO on the above filing date is the application which each inventor executed by signing the attached Rule 63 Declaration.				
3					
4.	□ Letter filing <u>formal</u> drawing attached	ed.			
5.	Attached is an assignment and cover sheet. Please return the recorded assignment to the undersigned.				
^	POMPOZIONATIONALI A SASTA NASA I A LA CASTA DE LA CASTA DEL CASTA DE LA CASTA DE LA CASTA DE LA CASTA DEL CASTA DE LA CASTA DEL CASTA DEL CASTA DEL CASTA DE LA CASTA DEL CASTA DE LA CASTA DEL CA				

 DOMESTIC/INTERNATIONAL priority is claimed under 35 USC 119(e)/120/365(c) based on the following provisional, nonprovisional and/or PCT international application(s):

	Application No.	Filing Date	Application No.	Filing Date
(1)	09/124,683	30 JULY 1998	(2)	
(3)			(4)	
(5)			(6)	

7. **FOREIGN** priority is claimed under 35 USC 119(a)-(d)/365(b) based on filing in

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	Application No.	Filing Date	Application No.	Filing Date
(1)			(2)	
(3)			(4)	
(5)			(6)	

9. (No.) Certified co	opy (copies):	☐ attach		viously filed (dat	e)		
in 0.3. Application	лг NO		filed or	1 <u> </u>			
10. Small Entity Status Ø11. ☐ Attached:	<u>N</u> si ⊠	Not claimed		d (file PAT-256 i ntity Status)	f this is the first	claim of	
12. Preliminary Amendm	ent:						
THE FOLLOWING FIL	ING FEE IS BA	ASED ON CL	AIMS AS FILED	LESS ANY ABO	OVE CANCELL	.ED	
				Large/Small Entity		Fee Code	
13. Basic Filing Fee			sign Application	\$320/\$160		106/26	
		Not De	sign Application	\$710/\$355	+0	101/201	
14 Total Effective Claims		minus 20 =		x \$18/\$9	+0	103/203	
15 Independent Claims		minus 3 =		x \$80/\$40	+0	102/202	
16 If any proper multiple dependent all-in-						104/204	
17 Surcharge for filing Declara	ation/filing fee la	ate		\$130/\$65	+0	105/205	
18			FILING FEI	E ENCLOSED =	0		
19. Original due date:	November 11, 20	001*					
20. Petition is hereby made to	o extend the ori	ginal due date	e to (1 mo)	\$110/\$55 =	+0	115/215	
cover the date this response is	filed for which t	the requisite f	ee (2mos)	\$390/\$195 =		116/216	
is attached			(3mos)	\$890/\$445 =		117/217	
04 15 " = 1: 1 " :			(4mos)	\$1390/\$695 =		118/218	
21. If "non-English" box 3 is X'd, add Rule 17(k) processing fee \$130					+0	139	
22_If "assignment" box 5 is X'd, add recording fee						581	
	Petition Fee for \$130 +0						
24. *-Due to USPTO being clos	ed		TOTAL FE	ENCLOSED =	\$0		
on Nov. 12, 2001 because of National Holiday, document are							
being filed on Nov. 13, 2001.	;						
being filed off 140V. 15, 2001.							
Our Donosit Assessment M	- 00 0075						
Our Deposit Account N Our Order No.	037003	1	0000000				
— —	037003 C#		0280602				
CHARGE STATEMENT: The Commissions (S) filed or asserted to be filed or asserted to be filed or asserted.		thorized to chara	M#	and a simple size			
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credit any overpayment, to our Account This CHARGE STATEMENT <u>does</u> no	votuer nos, snown	in the heading h	ereat for which nurna	veca atualicate conv	of this shoot is allo	ched.	
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		Winthrop LL					
Intellectual Property Group							
1600 Tysons Boulevard	By Atty:	By Atty: Bonnie Weiss McLeod		Reg.	No. 43,255		
McLean, VA 22102	Sig:	\square	1.m2	/ 0	(700) 00-	- 0500	
Tel: (703) 905-2000	~·9·	Jonn	H. M.	eod Fax:	(703) 905 (703) 905		
Atty/Sec: BWM/ngm				i el:	(703) 905)-ZZ19	
NOTE: File in <u>duplicate</u> with PTO receipt (PAT-103A) and attachments							